

Please cancel Claim 16.

Please cancel Claim 17.

Please cancel Claim 18.

Please cancel Claim 19.

Please cancel Claim 20.

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REMARKS

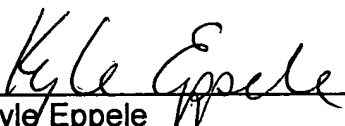
The Applicant has filed this preliminary amendment correcting inventorship as represented in the submission of the executed oath.

The Applicant has amended the Title page by removing the named inventor "Stefan Leuker".

Applicant has amended Claims 7, 9, and 14 and canceled Claims 4, 5, 8, 10 -13, and 16-20.

Accordingly, Applicant requests this amendment be entered prior to examination of the application.

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

On the Title Page, please delete:

[AND
STEFAN LEUKER]

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IN THE CLAIMS

Claims 4, 5, 8, 10 - 13 and 16 - 20 have been cancelled.

Claims 7, 9 and 14 have been amended as follows:

7. (Amended) A modified Harel statechart formed on a computer, the modified Harel statechart comprising:

a mathematical [or graphical] representation of a group of states, the group of states including a first state including a plurality of ordered parallel states, the mathematical representation ensuring deterministic operation.

Please cancel Claim 8.

9. (Amended) The modified Harel statechart of claim 8 wherein the group of states are represented mathematically [and graphically].

14. (Amended) A method of providing avionic software, the method comprising:

providing a graphical representation of a state including a plurality of parallel states, the parallel states being ordered with respect to each other, the parallel states being ordered so that only one of the parallel states is active in response to a particular event; and

applying the mathematical [or graphical] representation to an execution engine to create the avionics software.